

FS Emergency Power System Upgrade -- No. 450700

Category	Public Safety	Date Last Modified	January 11, 2008
Subcategory	Fire/Rescue Service	Required Adequate Public Facility	No
Administering Agency	Public Works & Transportation	Relocation Impact	None.
Planning Area	Countywide	Status	On-going

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY07	Est. FY08	Total 6 Years	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
Planning, Design, and Supervision	1,222	8	494	720	180	180	180	180	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	4,778	0	1,498	3,280	820	820	820	820	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	6,000	8	1,992	4,000	1,000	1,000	1,000	1,000	0	0	0

FUNDING SCHEDULE (\$000)

Current Revenue: General	1,000	8	992	0	0	0	0	0	0	0	0
G.O. Bonds	5,000	0	1,000	4,000	1,000	1,000	1,000	1,000	0	0	0
Total	6,000	8	1,992	4,000	1,000	1,000	1,000	1,000	0	0	0

OPERATING BUDGET IMPACT (\$000)

Maintenance				4	1	1	1	1	0	0
Net Impact				4	1	1	1	1	0	0

DESCRIPTION

This project involves installation of emergency generators in fire and rescue facilities.

Installation of emergency generators are for the following facilities: Fire Station - Rescue #1 - Bethesda/Chevy Chase; Fire Station #3 - Rockville; Fire Station #4 - Sandy Spring; Fire Station #6 - Bethesda; Fire Station #7 - Chevy Chase; Fire Station #8 - Gaithersburg; Fire Station #9 - Hyattstown; Fire Station #9-A - Hyattstown Apparatus Storage Building; Fire Station #10 - Cabin John; Fire Station #12 - Hillandale; Fire Station #13 - Damascus; Fire Station #15 - Burtonsville; Fire Station #16 - Silver Spring; Fire Station #17 - Laytonsville; Fire Station #20 - Bethesda; Fire Station #23 - Rockville; Fire Station #25 - Kensington; Fire Station #26 - Bethesda; Fire Station #28 - Gaithersburg; Fire Station #29 - Germantown; Fire Station #30 - Cabin John; Fire Station #31 - Rockville; Fire Station #31-A - Rockville USAR Warehouse; Fire Station #33 - Rockville; Fire Station #40 - Sandy Spring; and MCFRS Dover Road Warehouse.

This project will provide continuous operation of emergency equipment, HVAC, emergency lighting, security system, and fire alarm. All installations will be managed by the Department of Public Works and Transportation.

JUSTIFICATION

The emergency power backup systems are essential for full facility operation in the event of power failure and especially during a large scale disaster situation. Each fire station requires full power to support emergency operations, shelter for professional emergency responders, and essential disaster management operations. Most of the listed facilities are not equipped to meet operational needs during a long-term power outage. Careful evaluation resulted in the determination that most fire stations need to upgrade the size of their current generator systems, while others need to reconstruct their emergency power electrical systems. This project allows facilities to continuously function at a normal power level during long-term power outages.

Assessment study was prepared on December 22, 2004 by MCFRS.

APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY07	(\$000)
First Cost Estimate	FY07	6,000
Current Scope		6,000
Last FY's Cost Estimate		6,000
Appropriation Request	FY09	1,000
Appropriation Request Est.	FY10	1,000
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		2,000
Expenditures / Encumbrances		400
Unencumbered Balance		1,600
Partial Closeout Thru	FY06	0
New Partial Closeout	FY07	0
Total Partial Closeout		0

COORDINATION

Montgomery County Fire and Rescue Service
Local Volunteer Fire and Rescue Departments
Department of Public Works and Transportation,
Division of Capital Development
Department of Permitting Services

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